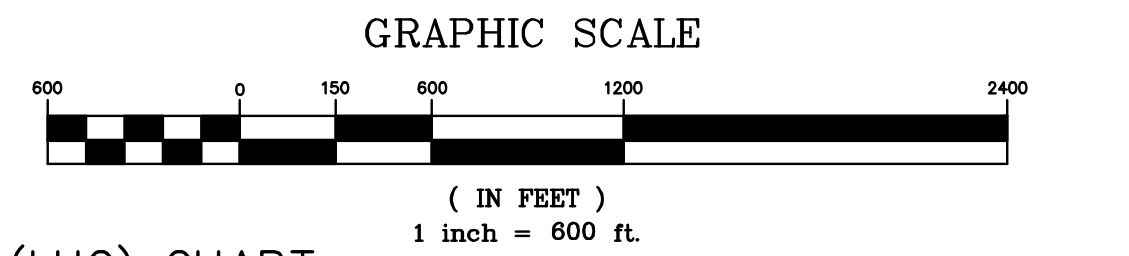


LAND USE GUIDANCE

LUG ZONE	AVERAGE DAY NIGHT SOUND LEVEL (LDN)
D	LDN 75 or GREATER LAND SHOULD BE RESERVED FOR ACTIVITIES THAT CAN TOLERATE A HIGH LEVEL OF SOUND EXPOSURE SUCH AS SOME AGRICULTURAL, INDUSTRIAL, AND COMMERCIAL USES. NO RESIDENTIAL DEVELOPMENTS OF ANY TYPE ARE RECOMMENDED. SOUND SENSITIVE ACTIVITIES SUCH AS SCHOOLS, OFFICES, HOSPITALS, CHURCHES, AND LIKE ACTIVITIES SHOULD NOT BE CONSTRUCTED IN THIS AREA UNLESS NO ALTERNATIVE LOCATION IS POSSIBLE. ALL REGULARLY OCCUPIED STRUCTURES SHOULD CONSIDER SOUND CONTROL IN DESIGN.
C	LDN 65 - 75 ACTIVITIES WHERE UNINTERRUPTED COMMUNICATION IS ESSENTIAL SHOULD CONSIDER SOUND EXPOSURE IN DESIGN. GENERALLY, RESIDENTIAL DEVELOPMENT IS NOT CONSIDERED A SUITABLE USE ALTHOUGH MULTIFAMILY DEVELOPMENTS WHERE SOUND CONTROL FEATURES HAVE BEEN INCORPORATED IN BUILDING DESIGN MIGHT BE CONSIDERED. OPEN-AIR ACTIVITIES AND OUTDOOR LIVING WILL BE AFFECTED BY AIRCRAFT SOUND. THE CONSTRUCTION OF AUDITORIUMS, SCHOOLS, CHURCHES, HOSPITALS, THEATERS, AND LIKE ACTIVITIES SHOULD BE AVOIDED WITHIN THIS ZONE WHERE POSSIBLE.
B	LDN 55 - 65 FEW ACTIVITIES WILL BE AFFECTED BY AIRCRAFT SOUNDS, ALTHOUGH BUILDING DESIGNS FOR ESPECIALLY SOUND SENSITIVE ACTIVITIES SUCH AS AUDITORIUMS, CHURCHES, SCHOOLS, HOSPITALS, AND THEATERS SHOULD CONSIDER SOUND CONTROL IN AREAS CLOSEST TO THE AIRPORT. DETAILED STUDIES BY QUALIFIED PERSONNEL ARE RECOMMENDED FOR OUTDOOR AMPHITHEATERS AND LIKE PLACES OF PUBLIC ASSEMBLY IN THE GENERAL VICINITY OF THE AIRPORT.
A	LDN 55 and LESS CLEARLY ACCEPTABLE NOISE LEVEL. NO SPECIAL CONSIDERATIONS REQUIRED.

- NOTES:
1. LAND USE GUIDANCE CHART AND ZONE DESCRIPTIONS FROM AIRPORT LAND USE COMPATIBILITY PLANNING, AC-150/5020-1, PAGES 1,2,3, AND 4 OF APPENDIX 1 AND FAR PART 150, JULY 18, 1985.
  2. NOISE CONTOURS GENERATED USING FAA'S INTEGRATED NOISE MODEL, VERSION USING THE 2021 ACTIVITY LEVELS AND CRITICAL AIRCRAFT.
  3. LAND USES RECOMMENDED ON THIS PLAN ARE BASED ON AIRCRAFT NOISE LEVELS. HEIGHT RESTRICTIONS ARE BASED ON FAR PART 77 AND ARE INCLUDED ON SHEET 3, "AIRPORT AIRSPACE PLAN."
  4. NOISE CONTOURS REFLECT ACTIVITY LEVELS OF RUNWAY 5/23 ONLY.
  5. AIRPORT LAND USE ORDINANCES HAVE NOT BEEN ADOPTED FOR SUMTER COUNTY.

LEGEND	
NOISE CONTOUR	LDN 65
AIRPORT PROPERTY LINE	
ULTIMATE PROPERTY LINE	
ULTIMATE EASEMENT LINE	
EXISTING EASEMENT LINE	



LAND USE	SUGGESTED LUG ZONE	LAND USE	SUGGESTED LUG ZONE	LAND USE	SUGGESTED LUG ZONE
RESIDENTIAL	A-B	RESIDENTIAL	B	SERVICES (CONTINUED)	B-C
HOUSEHOLD UNITS	A	PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES & CLOCKS - MANUFACTURING	C-D	PROFESSIONAL SERVICES	C
SINGLE UNITS - DETACHED	B	MISCELLANEOUS MANUFACTURING	A	CONTRACT CONSTRUCTION SERVICES	B
SINGLE UNITS - SEMI-ATTACHED	A			GOVERNMENTAL SERVICES	C
SINGLE UNITS - ATTACHED ROW	A			EDUCATIONAL SERVICES	A-B
TWO UNITS - SIDE BY SIDE	A	TRANSPORTATION		MISCELLANEOUS SERVICES	A-C
TWO UNITS - ONE ABOVE THE OTHER	B-C	COMMUNICATION AND UTILITIES		CULTURAL, ENTERTAINMENT, AND RECREATIONAL	
APARTMENTS - WALK UP	A-B	RAILROAD, RAPID RAIL TRANSIT AND STREET RAILWAY TRANSPORTATION	D	CULTURAL ACTIVITIES AND NATURE EXHIBITIONS	A
APARTMENTS - ELEVATOR	A	MOTOR VEHICLE TRANSPORTATION	D	PUBLIC ASSEMBLY	A
GROUP QUARTERS	A-C	AIRCRAFT TRANSPORTATION	D	AMUSEMENTS	C
RESIDENTIAL HOTELS	A-C	MARINE CRAFT TRANSPORTATION	D	RECREATIONAL ACTIVITIES	B-C
MOBILE HOME PARKS OR COURTS		HIGHWAY AND STREET RIGHT-OF-WAY	D	RESORTS AND GROUP CAMPS	A
TRANSIENT LODGINGS		AUTOMOBILE PARKING	A-D	PARKS	A-C
OTHER RESIDENTIAL		UTILITIES	D	OTHER CULTURAL, ENTERTAINMENT, AND RECREATIONAL	A-B
MANUFACTURING	C-D	OTHER TRANSPORTATION, COMMUNICATION AND UTILITIES.	A-D		
FOOD AND KINDRED PRODUCTS - MANUFACTURING	C-D				
TEXTILE MILL PRODUCTS - MANUFACTURING	C-D	TRADE			
APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS, LEATHER, AND SIMILAR MATERIALS - MANUFACTURING	C-D	WHOLESALE TRADE	C-D		
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE) - MANUFACTURING	C	RETAIL TRADE - BUILDING MATERIALS, HARDWARE AND FARM EQUIPMENT	C		
FURNITURE AND FIXTURES - MANUFACTURING	C	RETAIL TRADE - GENERAL MERCHANDISE	C		
PAPER AND ALLIED PRODUCTS - MANUFACTURING	C	RETAIL TRADE - FOOD	C		
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	C-D	RETAIL TRADE - AUTOMOTIVE, MARINE CRAFT, AIRCRAFT, AND ACCESSORIES	C		
CHEMICALS AND ALLIED PRODUCTS - MANUFACTURING	C-D	RETAIL TRADE - APPAREL AND ACCESSORIES	C		
PETROLEUM REFINING AND RELATED INDUSTRIES	C-D	RETAIL TRADE - FURNITURE, HOME FURNISHINGS AND EQUIPMENT	C-D		
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS - MANUFACTURING	C-D	RETAIL TRADE - EATING AND DRINKING			
STONE, CLAY, AND GLASS PRODUCTS - MANUFACTURING	D	OTHER RETAIL TRADE			
PRIMARY METAL INDUSTRIES		SERVICES			
FABRICATED METAL PRODUCTS - MANUFACTURING		FINANCE, INSURANCE, AND REAL ESTATE SERVICES	B		
		PERSONAL SERVICES	B		
		BUSINESS SERVICE	B		
		REPAIR SERVICE	C		

REV.	NO.	DESCRIPTION	DATE
2	1	UPDATE FOR FAA AIP 3-45-0054-10 & 11, - SDOA NO. 06-029	JAN. 2009
1	1	UPDATE FOR FAA AIP 3-45-0054-09	NOV. 2005

PROJECT MANAGER GAV	DRAWING SCALE 1"= 600'
DRAWN BY RBT	PROJECT DATE NOV., 2004
APPROVED BY SEW	PROJECT NUMBER 10177.00.CA
FILE NAME 10177.LAND	PLDT DATE

community infrastructure consultants

301 COMMERCE DRIVE NE  
COLUMBIA, SC 29223  
(803) 786-4261

Office Locations:  
North Carolina  
South Carolina  
Georgia  
Florida

RELEASED FOR

APPROVALS

BIDDING

CONSTRUCTION

RECORD DWG.

DATE

SUMTER AIRPORT  
SUMTER, SOUTH CAROLINA

AIRPORT LAND USE PLAN

D-3686